

Synopsis

March 2022 was colder than normal statewide. Precipitation was below normal in the west and east, but near to above normal in central areas. Storm events occurred on the 10th, 16th, 23rd and 30th bringing mountain snow and lowland rain, along with occasional strong to high winds and rapidly colder temperatures.



Rio Rancho snow – 23rd - Photo courtesy of Edward Sadzewicz



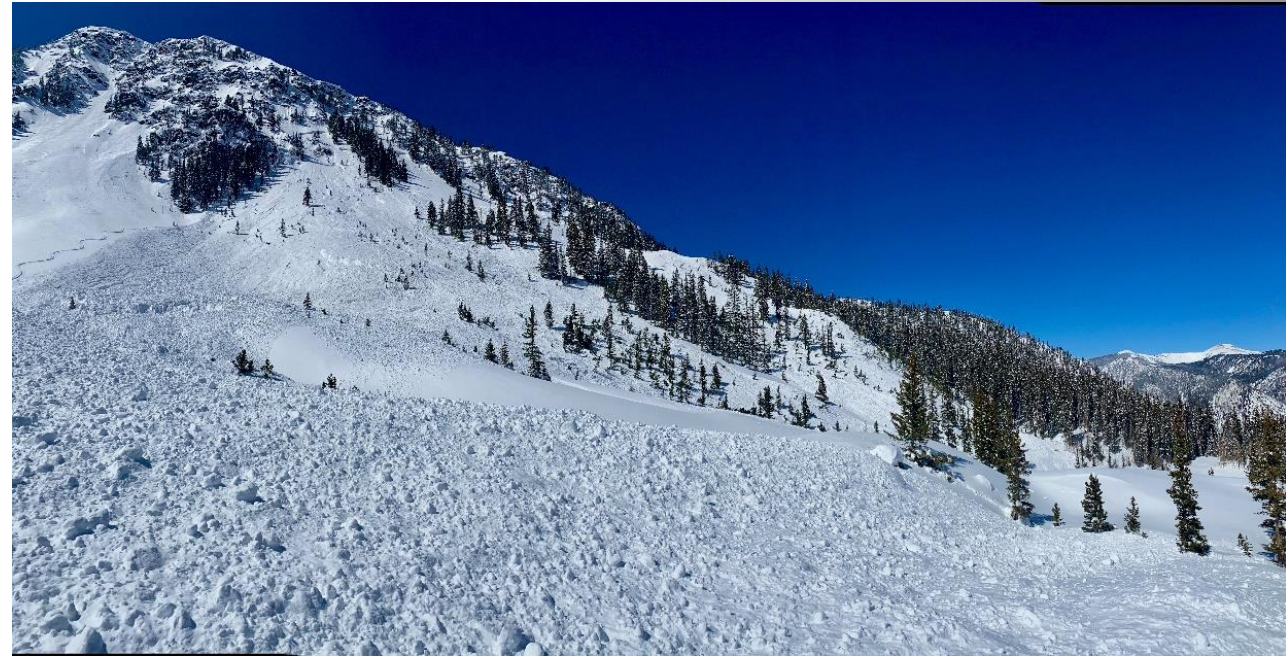
Dust arriving in Albuquerque March 30th - Photo courtesy of NWS ABQ



Dust arriving in Albuquerque March 10th - Photo courtesy of NWS ABQ



Avalanche 10th - Photo courtesy of Andy Bond

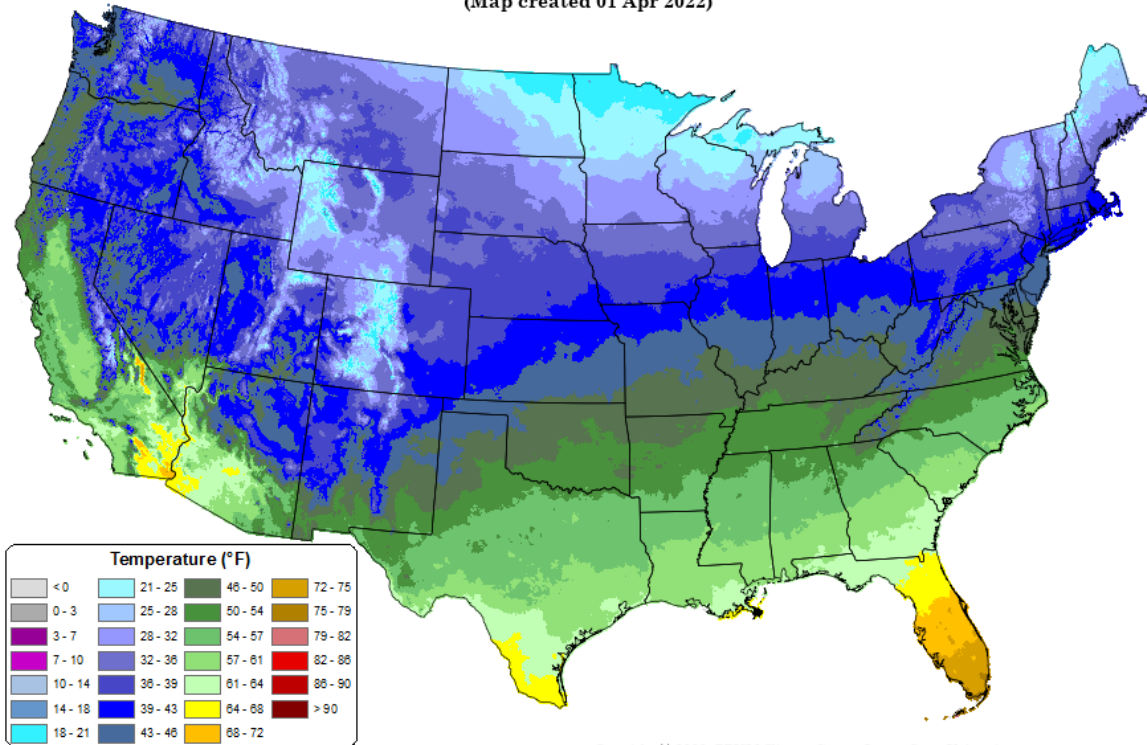


Avalanche 10th - Photo courtesy of Andy Bond

Actual

Average Daily Mean Temperature: 01 Mar 2022 - 31 Mar 2022

Period ending 7 AM EST 31 Mar 2022
(Map created 01 Apr 2022)

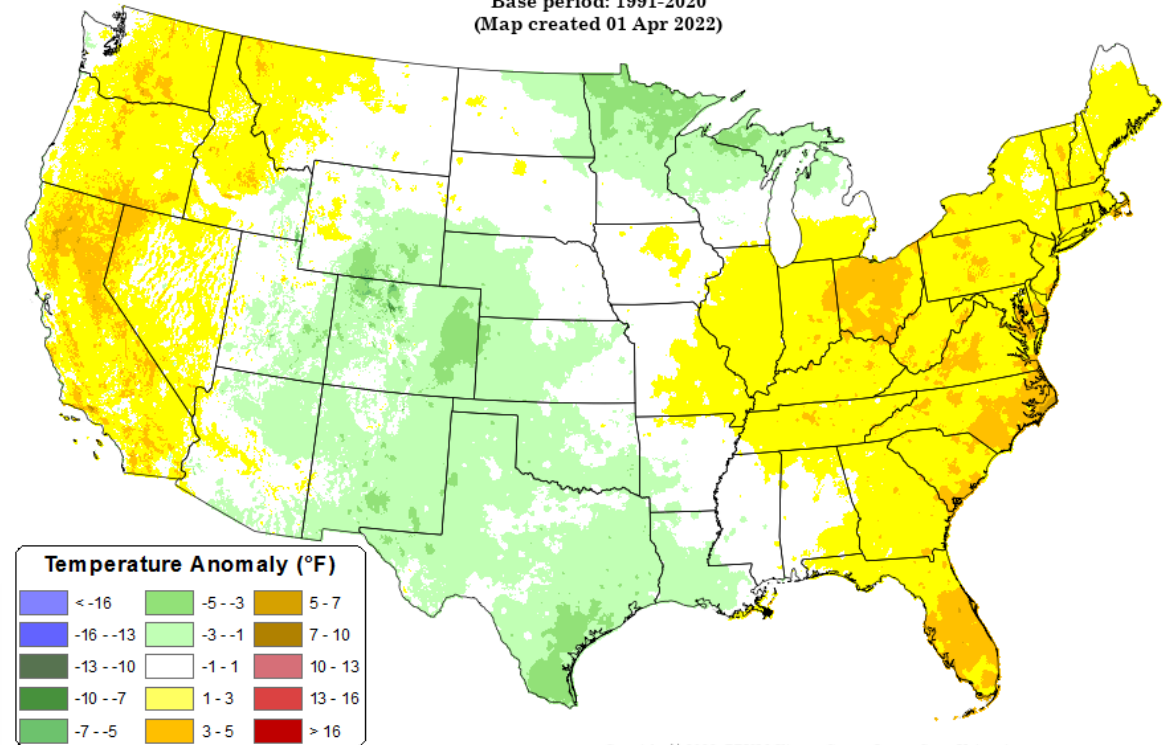


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Anomaly

Daily Mean Temperature Anomaly: 01 Mar 2022 - 31 Mar 2022

Period ending 7 AM EST 31 Mar 2022
Base period: 1991-2020
(Map created 01 Apr 2022)



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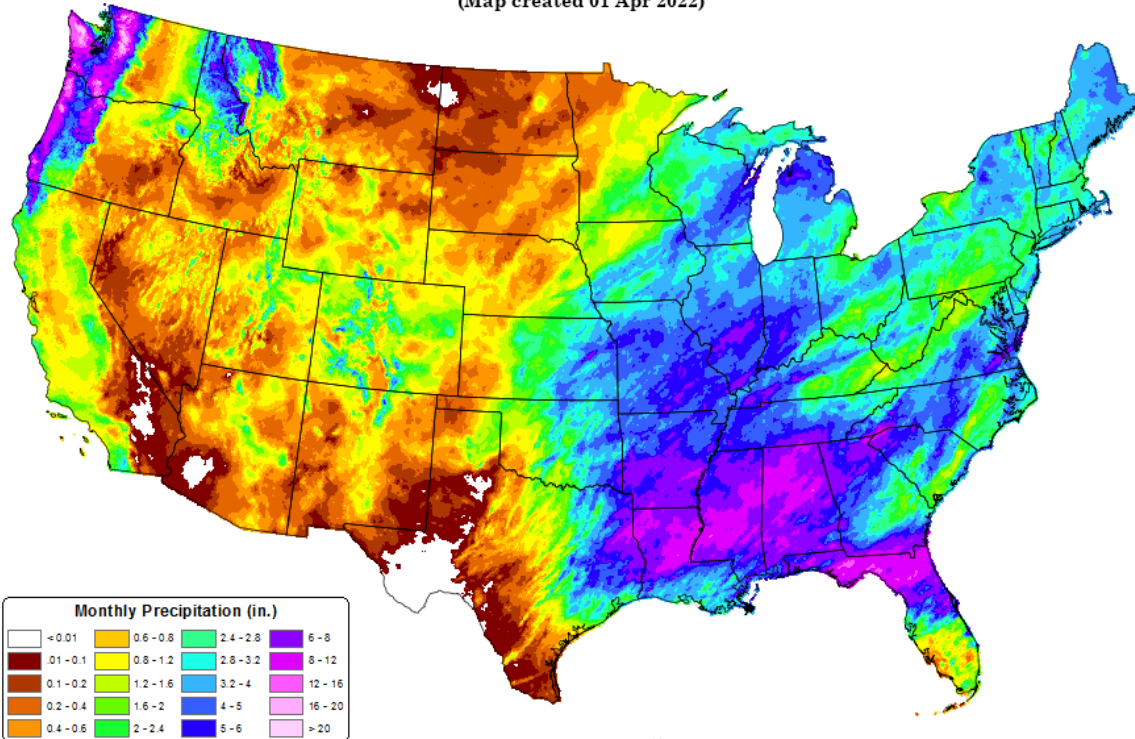
March temperatures were mostly below normal.

Actual

Total Precipitation: 01 Mar 2022 - 31 Mar 2022

Period ending 7 AM EST 31 Mar 2022

(Map created 01 Apr 2022)



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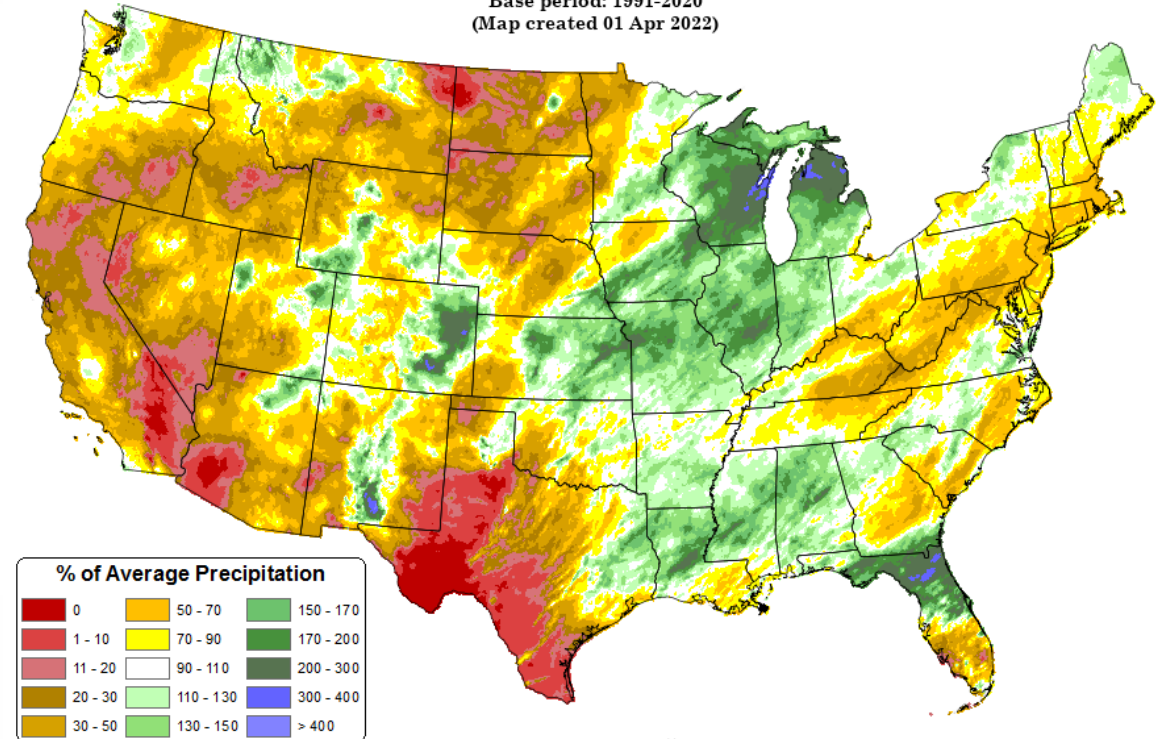
Anomaly

Total Precipitation Anomaly: 01 Mar 2022 - 31 Mar 2022

Period ending 7 AM EST 31 Mar 2022

Base period: 1991-2020

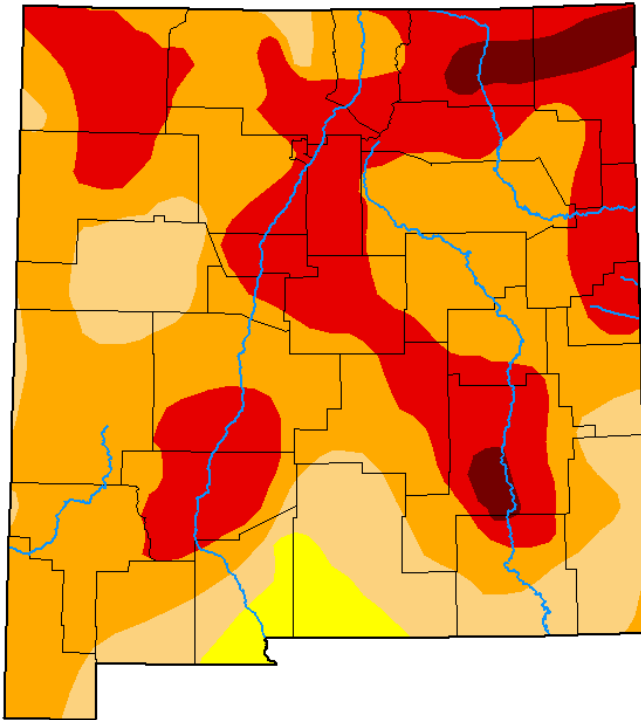
(Map created 01 Apr 2022)



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March precipitation was variable, with mostly below normal precipitation in the west and east, but near to well above normal in central New Mexico.

U.S. Drought Monitor New Mexico



March 1, 2022

(Released Thursday, Mar. 3, 2022)

Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	0.00	100.00	97.09	80.96	33.09	2.77
Last Week 02-22-2022	0.00	100.00	97.09	79.86	32.46	2.53
3 Months Ago 11-30-2021	0.15	99.85	94.19	69.50	19.01	0.00
Start of Calendar Year 01-04-2022	0.00	100.00	97.83	75.86	20.91	0.00
Start of Water Year 09-28-2021	10.70	89.30	79.47	49.33	19.12	0.00
One Year Ago 03-02-2021	0.00	100.00	100.00	99.91	82.18	54.15

Intensity:

None	D2 Severe Drought
D0 Abnormally Dry	D3 Extreme Drought
D1 Moderate Drought	D4 Exceptional Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

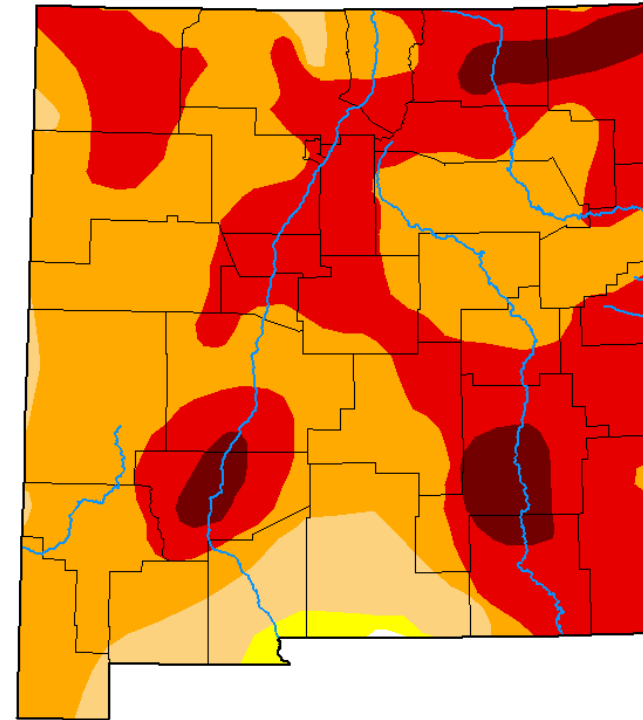
Author:

Brad Rippey
U.S. Department of Agriculture



droughtmonitor.unl.edu

U.S. Drought Monitor New Mexico



March 29, 2022

(Released Thursday, Mar. 31, 2022)

Valid 8 a.m. EDT

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	0.06	99.94	98.89	91.19	43.84	5.53
Last Week 03-22-2022	0.06	99.94	98.91	91.19	39.64	5.53
3 Months Ago 12-28-2021	0.00	100.00	97.79	75.72	20.91	0.00
Start of Calendar Year 01-04-2022	0.00	100.00	97.83	75.86	20.91	0.00
Start of Water Year 09-28-2021	10.70	89.30	79.47	49.33	19.12	0.00
One Year Ago 03-02-2021	0.00	100.00	100.00	99.35	79.88	53.28

Intensity:

None	D2 Severe Drought
D0 Abnormally Dry	D3 Extreme Drought
D1 Moderate Drought	D4 Exceptional Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

Author:

Deborah Bathke
National Drought Mitigation Center



droughtmonitor.unl.edu

Drought conditions in March unfortunately worsened, mainly across the west and south. Other than a sliver of no drought/abnormally dry in far south central New Mexico at the Texas border, the state remained in some form of drought status. Over 90% of the state is in severe to exceptional drought.

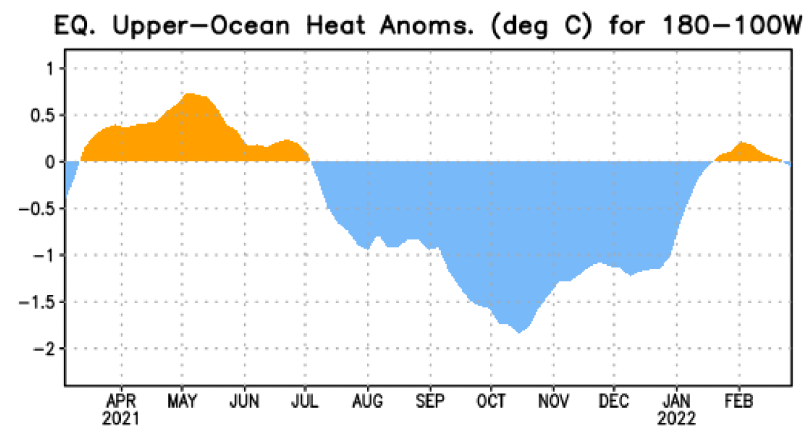


Figure 3. Area-averaged upper-ocean heat content anomaly (°C) in the equatorial Pacific (5°N-5°S, 180°-100°W). The heat content anomaly is computed as the departure from the 1991-2020 base period pentad means.

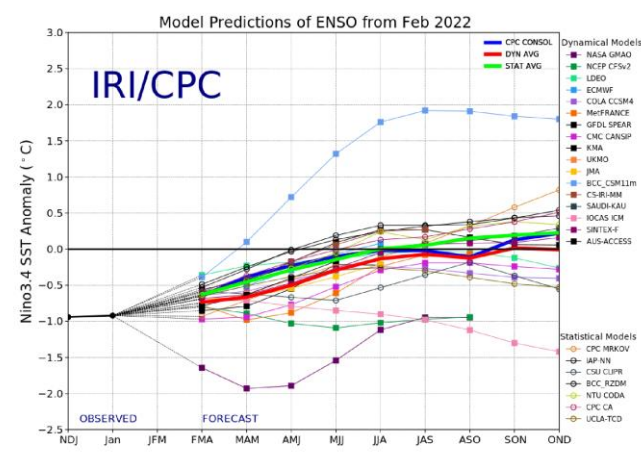


Figure 6. Forecasts of sea surface temperature (SST) anomalies for the Niño 3.4 region (5°N-5°S, 120°W-170°W). Figure updated 18 February 2022.

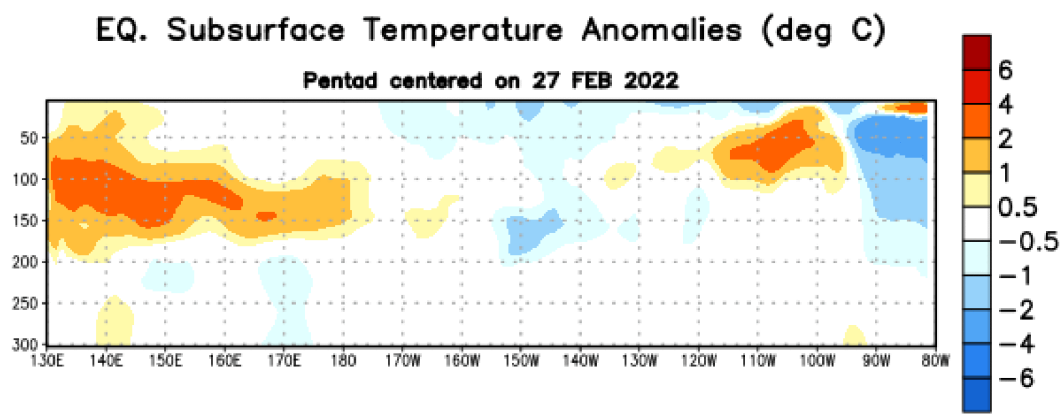


Figure 4. Depth-longitude section of equatorial Pacific upper-ocean (0-300m) temperature anomalies (°C) centered on the pentad of 27 February 2022. Anomalies are departures from the 1991-2020 base period pentad means.

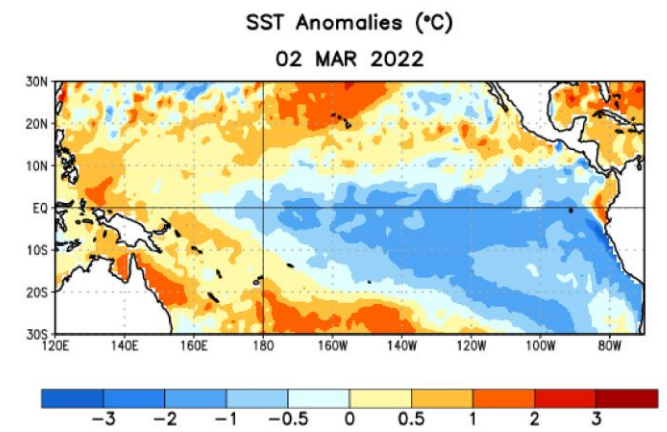


Figure 1. Average sea surface temperature (SST) anomalies (°C) for the week centered on 2 March 2022. Anomalies are computed with respect to the 1991-2020 base period weekly means.

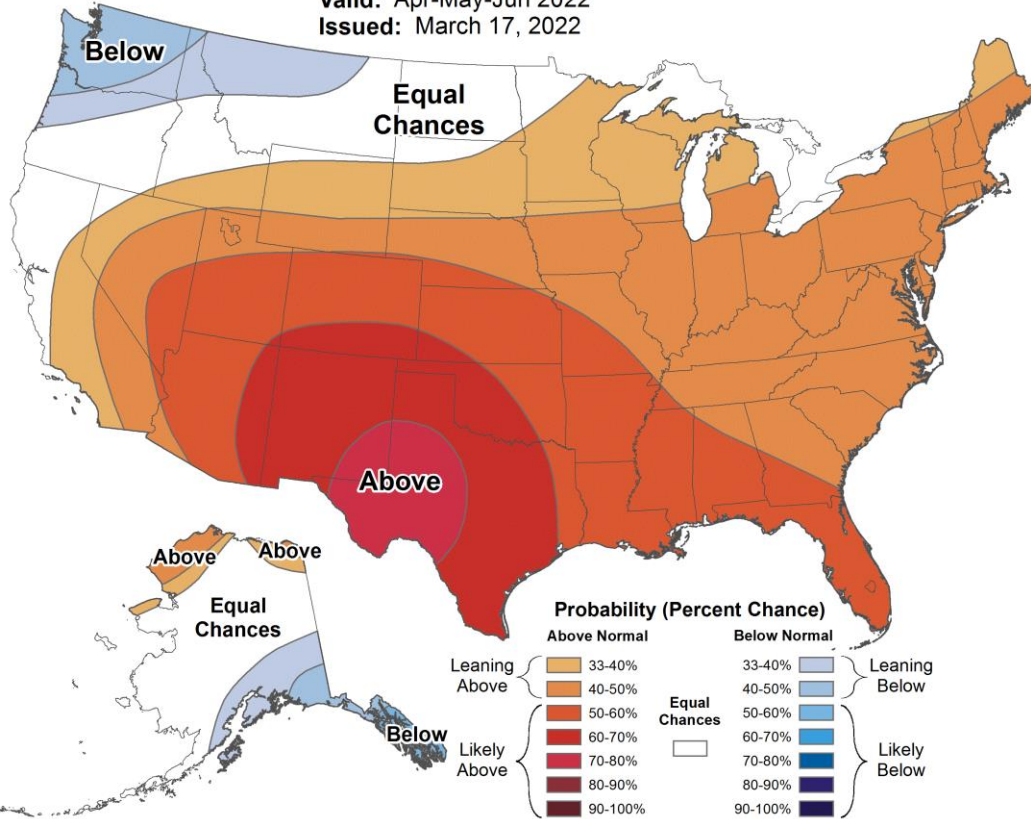
Temperature April-May-June



Seasonal Temperature Outlook



Valid: Apr-May-Jun 2022
Issued: March 17, 2022



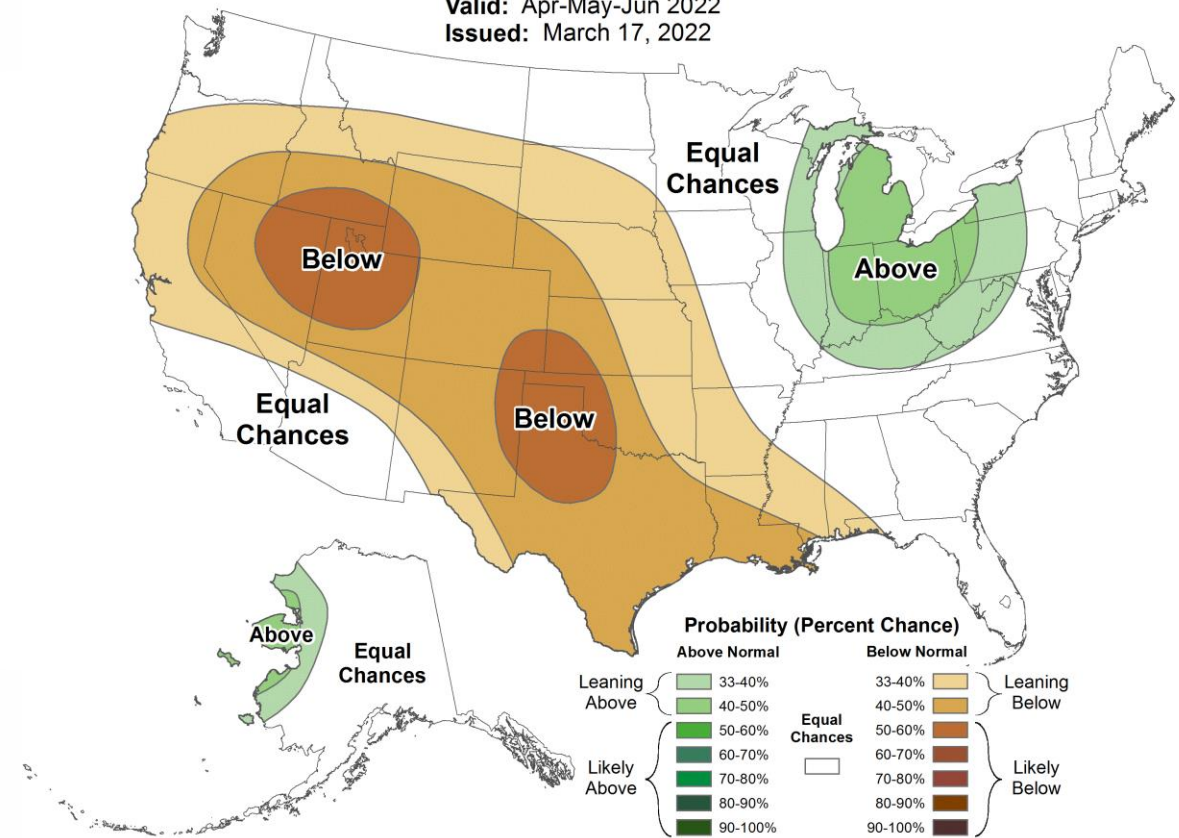
Precipitation April-May-June



Seasonal Precipitation Outlook



Valid: Apr-May-Jun 2022
Issued: March 17, 2022

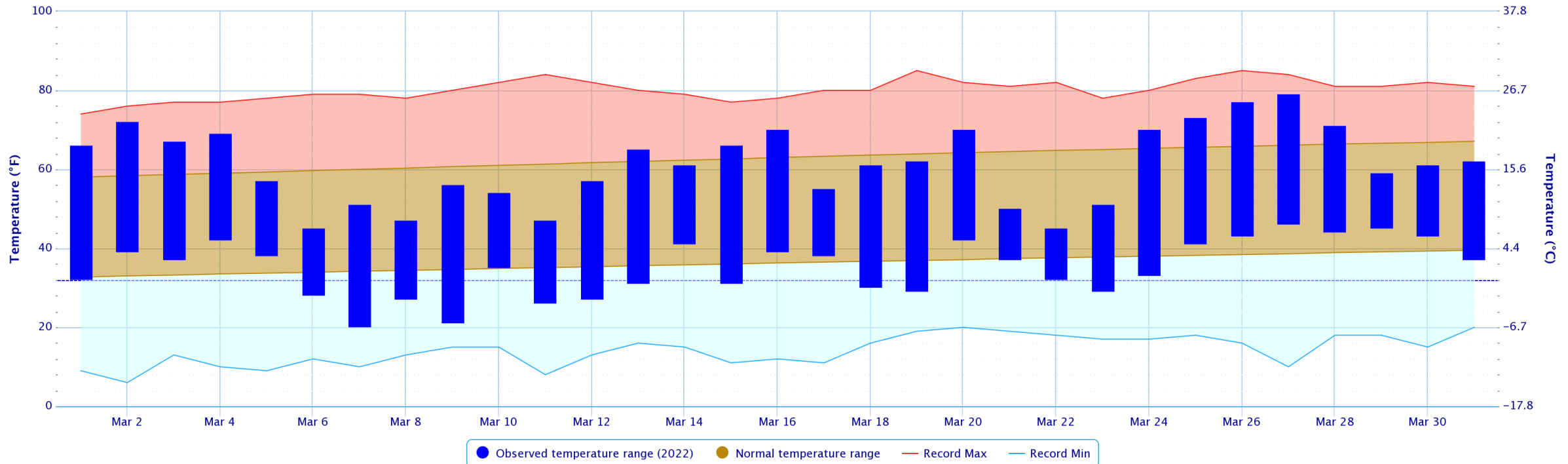


Well above normal temperatures, and below normal precipitation continue to be the most likely weather scheme for the late spring and early summer seasons. The bootheel shows no tendency toward above, near or below normal precipitation.

Average Temperature: 48.0°

Daily Temperature Data – Albuquerque Area, NM (ThreadEx)

Period of Record – 1891-12-01 to 2022-03-31. Normals period: 1991-2020. Click and drag to zoom chart.



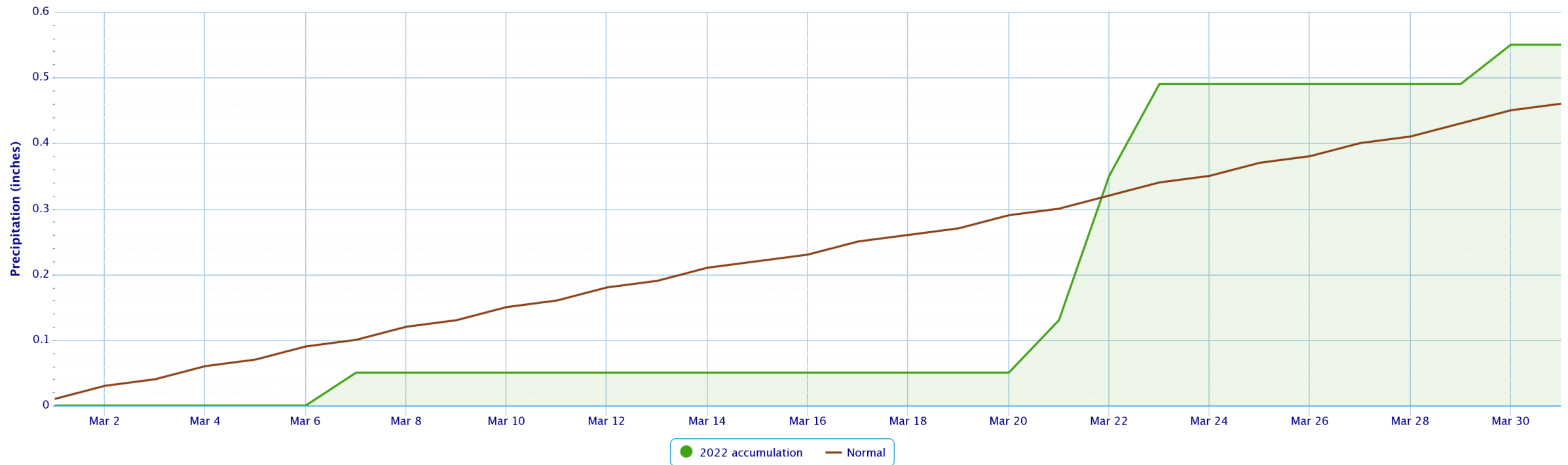
Powered by ACIS

The March 2022 average temperature for Albuquerque was 48.0°, which was 1.5° below the normal of 49.5°. The average maximum temperature for the month was 61.2°. This was 1.6° below the normal average maximum temperature of 62.8°. The average minimum temperature for the month was 34.9°. This was 1.3° below the normal average minimum temperature of 36.2°. This ranked as the 79th coldest March on record.

Precipitation: 0.55"

Accumulated Precipitation – Albuquerque Area, NM (ThreadEx)

Click and drag to zoom to a shorter time interval; green/black diamonds represent subsequent/missing values



Powered by ACIS

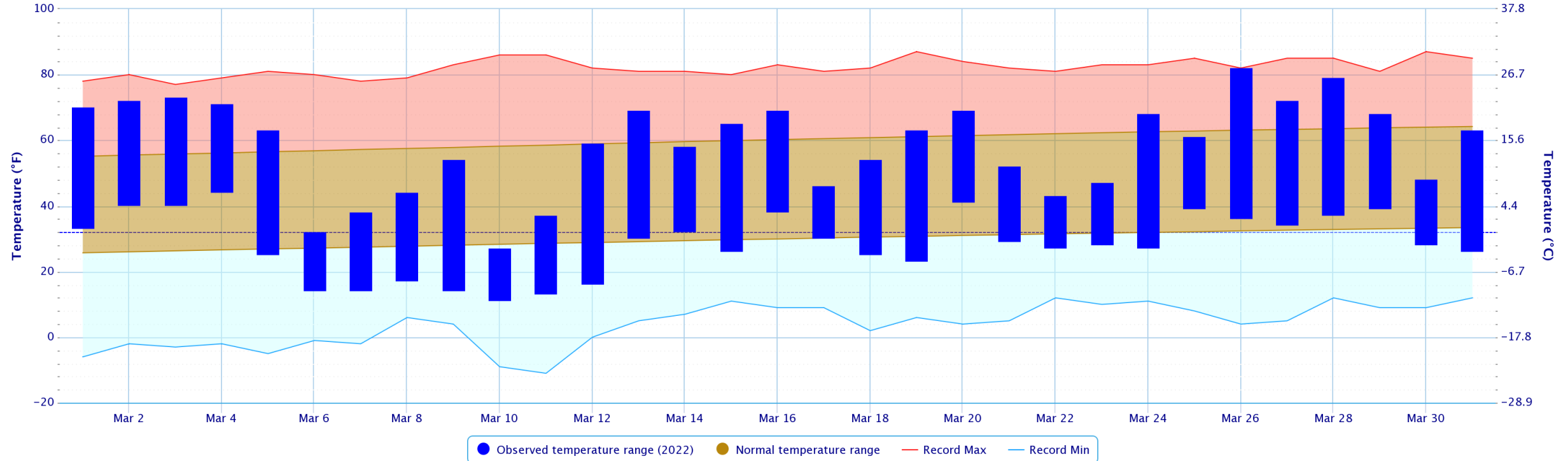
The March 2022 precipitation for Albuquerque was 0.55", which was 0.09" above the normal of 0.46". This ranked as the 42nd wettest March on record.

There was 3.7" of snow, compared to the normal of 0.7". This was good enough to be the 11th snowiest March on record.

Average Temperature: 43.4°

Daily Temperature Data – Clayton Area, NM (ThreadEx)

Period of Record – 1896-02-01 to 2022-03-31. Normals period: 1991-2020. Click and drag to zoom chart.



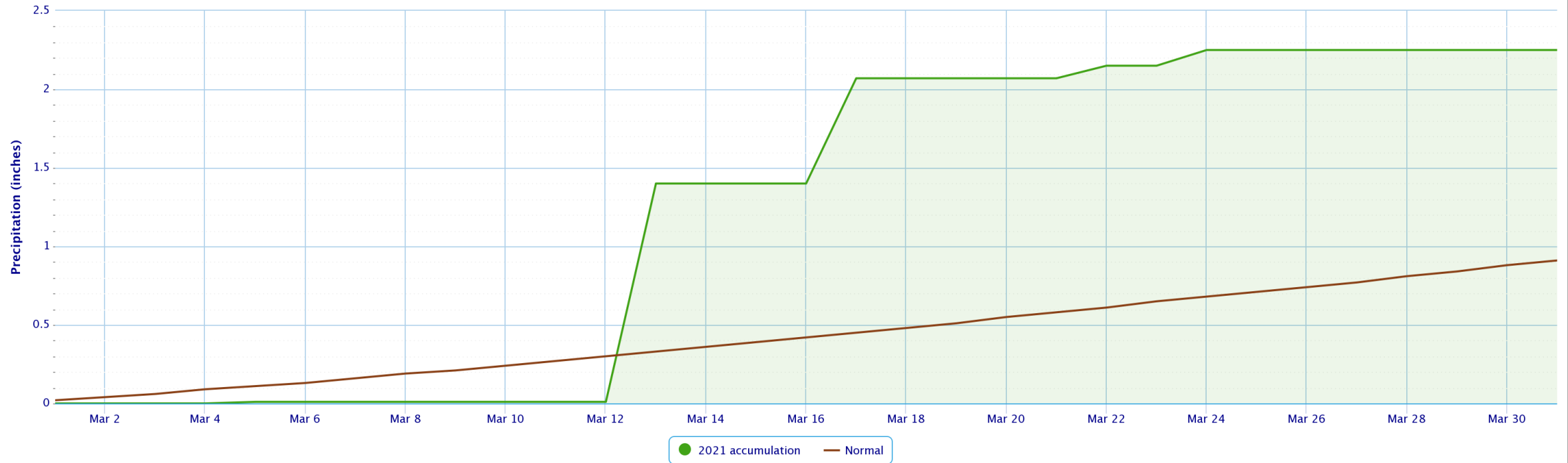
Powered by ACIS

The March 2022 average temperature for Clayton was 43.4°, which was 1.5° below the normal of 44.9°. The average maximum temperature for the month was 58.6°. This was 1.4° below the normal average maximum temperature of 60.0°. The average minimum temperature for the month was 28.3°. This was 1.5° below the normal average minimum temperature of 29.8°. This ranked as the 61st coldest March on record.

Precipitation: 0.29"

Accumulated Precipitation – Clayton Area, NM (ThreadEx)

Click and drag to zoom to a shorter time interval; green/black diamonds represent subsequent/missing values



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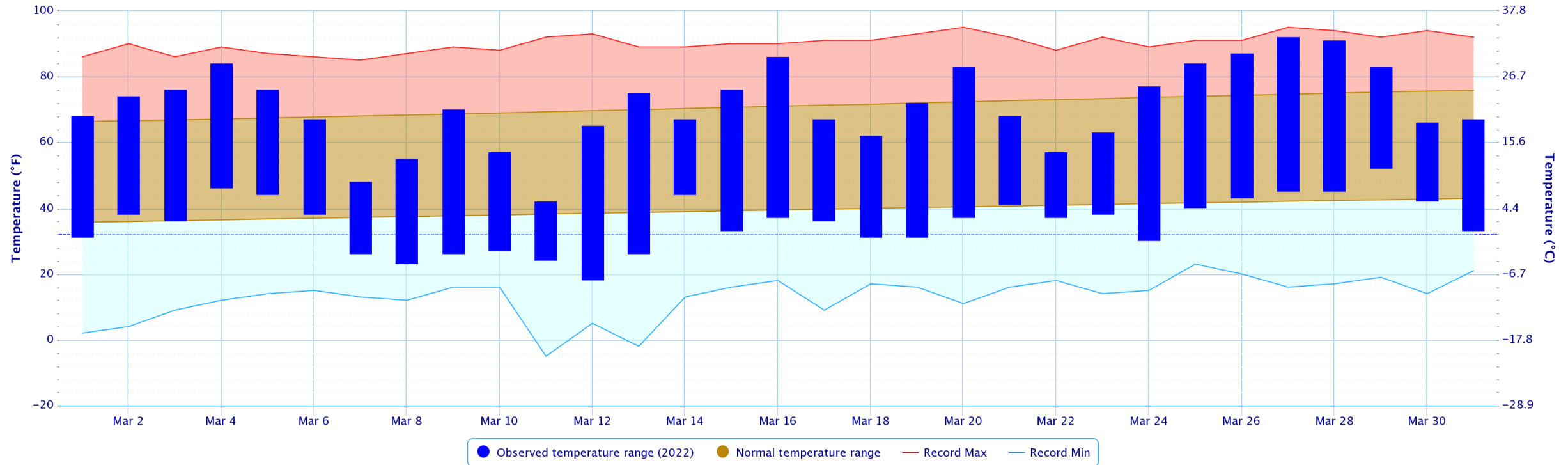
The March 2022 precipitation for Clayton was 0.29", which was 0.62" below the normal of 0.91". This ranked as the 46th driest March on record.

There was 4.6" of snow, compared to the normal of 3.4". This was a tie for the 34th snowiest March on record.

Average Temperature: 53.3°

Daily Temperature Data – Roswell Area, NM (ThreadEx)

Period of Record – Max temperature: 1893-01-03 to 2022-03-31; Min temperature: 1893-01-21 to 2022-03-31. Normals period: 1991-2020. Click and drag to zoom chart.



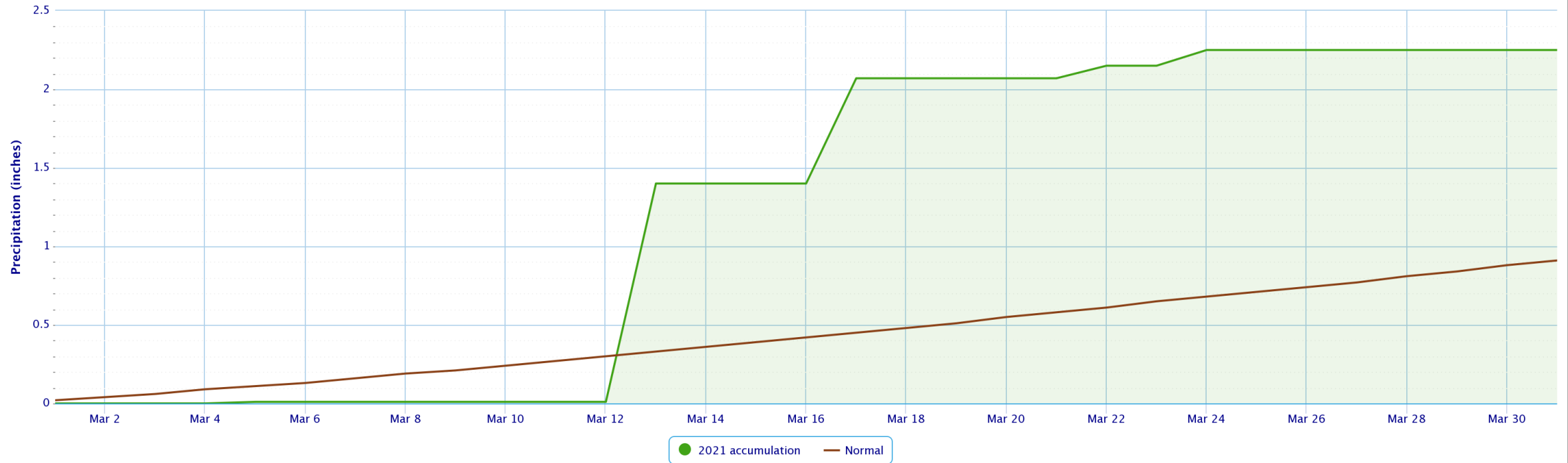
Powered by ACIS

The March 2022 average temperature for Roswell was 53.3, which was 1.9° below the normal of 55.2°. The average maximum temperature for the month was 71.1°. This was 0.1° above the average maximum temperature of 71.0°. The average minimum temperature for the month was 35.4°. This was 4.0° below the normal average minimum temperature of 39.4°. This ranked as the 82nd coldest March on record.

Precipitation: 0.33"

Accumulated Precipitation – Clayton Area, NM (ThreadEx)








Click and drag to zoom to a shorter time interval; green/black diamonds represent subsequent/missing values



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The March 2022 precipitation for Roswell was 0.33", which was 0.21" below the normal of 0.54". This tied for the 80th driest March on record.

There was 0.2" of snow, compared to the normal of 0.7". This was tied for the 61st least snowiest March on record.

-  NCEI Climatological Rankings: <https://www.ncdc.noaa.gov/cag/national/rankings>
-  PRISM Climate Data: <http://www.prism.oregonstate.edu/>
-  NWS Local Climate Pages: <https://w2.weather.gov/climate/index.php?wfo=abq>
-  NCEI Storm Data: <https://www.ncdc.noaa.gov/stormevents/>
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